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Case No.: 58392US002

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: FAN, XUDONG

Application No.: 10/685208

Confirmation No.: 4078

Filed: October 14, 2003

Title: POROUS MICROSPHERE RESONATORS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]

I hereby certify that this correspondence is being:

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OCT 27, 2006

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Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

This Information Disclosure Statement is being mailed after receipt of a first Office Action on the merits, but prior to the mailing of a Notice of Allowance under 37 CFR § 1.311.

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**Fees:**

☒ Please charge the fee provided in 37 CFR § 1.17(p) to Deposit Account No. 13-3723.

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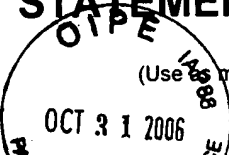
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Respectfully submitted,

27-Oct-2006  
Date

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| <b>Substitute for form 1449A/PTO (modified)</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary)<br><br> | <b>Application Number</b>   | <b>10/685208</b>        |
|   | <b>Filing Date</b>          | <b>October 14, 2003</b> |
|   | <b>First Named Inventor</b> | <b>Fan, Xudong</b>      |
|   | <b>Confirmation Number</b>  | <b>4078</b>             |
|   | <b>Attorney Case Number</b> | <b>58392US002</b>       |

Page 1 of 1

| U.S. Patent Documents |          |                                  |                                |  |   |
|-----------------------|----------|----------------------------------|--------------------------------|--|---|
| Exam. Init.*          | Cite No. | Document Number                  | Publication Date<br>MM-DD-YYYY | Name of Patentee<br>or Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |          | Doc. Number-(Kind Code if Known) |                                |  |   |
|                       | A1       | US- 6,865,317                    | 03/08/2005                     | Vahala et al.                                      |   |
|                       | A2       | US- 6,888,987                    | 05/03/2005                     | Sercel et al.                                      |   |
|                       | A3       | US- 6,891,996                    | 05/10/2005                     | Sercel et al.                                      |   |
|                       | A4       | US- 6,891,997                    | 05/10/2005                     | Sercel et al.                                      |   |
|                       | A5       | US- 6,901,101 B2                 | 05-31-2005                     | Frick  |   |
|                       | A6       | US- 2002/0094150                 | 07/18/2002                     | Lim et al.   |   |
|                       | A7       | US- 2004/0120638                 | 06/24/2004                     | Frick  |   |
|                       | A8       | US- 2004/0146431                 | 07/29/2004                     | Scherer et al.                                     |   |
|                       | A9       | US- 2005/0035278                 | 02/17/2005                     | Margalit et al.                                    |   |
|                       | A10      | US-                              |                                |  |   |
|                       | A11      | US-                              |                                |  |   |
|                       | A12      | US-                              |                                |  |   |

| Foreign Patent Documents |          |                         |                            |                                |  |   |                               |
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|                          |          | Ctry. Code              | Number-KindCode (if known) |                                |  |   |                               |
|                          | B1       |                         |                            |                                |  |   |                               |
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|                          | B5       |                         |                            |                                |  |   |                               |

| OTHER DOCUMENTS |          |  |                               |
|-----------------|----------|--|-------------------------------|
| Exam. Init.*    | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | Translation<br>(Check if yes) |
|                 | C1       | CHAN, S., et al. "Porous Silicon Microcavities for Biosensing Applications," <i>Physical Status Solid</i> , Vol. 182, (2000) pp. 541-546.  |                               |
|                 | C2       | DE STEFANO, L., et al., "Optical Sensing of Flammable Substances Using Porous Silicon Microcavities," <i>Materials Science and Engineering</i> , Vol. 100, July 25, 2003, pp. 271-274.   |                               |
|                 | C3       | MULLONI, V., et al. "Porous Silicon Microcavities as Optical Chemical Sensors," <i>Applied Physics Letters</i> , Vol. 76, No. 18, May 1, 2000, pp. 2523-2525.  |                               |

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| <b>*Examiner:</b>  | <b>Date Considered:</b> |
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